

# Water Quality Characteristics by Water Quality Zone

## June 2002

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<b>Hardness ppm</b>	1	164	183	70.5	64	228	4	43%
	2	114	117	10.5	98	128	9	9%
	3	117	103	39.9	91	229	11	34%
	4	92	93	9.6	74	103	7	10%
	5	101	101	9.8	78	118	13	10%
	6	110	108	11.9	88	132	10	11%
	7	108	108	10.3	83	121	10	10%
	8	170	150	43.5	136	269	9	26%
	9	117	92	81.9	76	319	8	70%
	10	79	78	2.7	77	83	4	3%
	System Wide	116	105	41.9	64	319	85	36%
<b>TDS ppm</b>	1	397	396	108.2	173	554	10	27%
	2	276	276	15.2	253	306	27	6%
	3	322	284	104.8	196	509	34	33%
	4	225	215	30.0	189	302	25	13%
	5	238	232	30.0	173	301	36	13%
	6	242	238	22.0	209	286	28	9%
	7	228	220	29.4	179	298	29	13%
	8	327	313	47.3	284	440	21	14%
	9	280	247	105.7	208	612	23	38%
	10	218	218	7.6	209	233	13	3%
	System Wide	269	251	74.8	173	612	246	28%
<b>Sodium ppm</b>	1	47	49	11.2	32	59	4	24%
	2	43	44	1.1	41	45	9	3%
	3	43	44	10.8	23	64	11	25%
	4	37	36	8.4	27	48	7	22%
	5	36	34	5.2	30	45	13	14%
	6	36	36	4.6	27	42	10	13%
	7	30	29	4.3	24	38	10	14%
	8	41	42	2.3	37	43	9	6%
	9	59	46	28.2	40	122	8	48%
	10	42	41	1.0	41	43	4	2%
	System Wide	40	41	12.4	23	122	85	31%

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<i>pH units</i>	1	7.3	7.3	0.13	7.1	7.6	10	2%
	2	7.7	7.8	0.16	7.3	8.0	27	2%
	3	7.6	7.5	0.18	7.3	7.9	34	2%
	4	7.7	7.7	0.28	7.2	8.1	25	4%
	5	7.6	7.8	0.33	7.1	8.0	36	4%
	6	7.5	7.6	0.30	6.9	7.9	28	4%
	7	7.6	7.7	0.21	7.2	8.0	29	3%
	8	7.5	7.5	0.29	7.1	8.0	21	4%
	9	7.8	7.8	0.34	7.0	8.2	23	4%
	10	7.7	7.7	0.11	7.6	7.9	13	1%
	System Wide	7.6	7.6	0.27	6.9	8.2	246	4%
<i>Chlorine ppm</i>	1	0.7	0.7	0.08	0.6	0.9	10	12%
	2	0.8	0.9	0.13	0.6	1.0	27	16%
	3	0.7	0.8	0.16	0.4	1.1	34	21%
	4	0.7	0.7	0.18	0.4	1.1	25	26%
	5	0.7	0.7	0.18	0.1	1.1	36	25%
	6	0.8	0.8	0.09	0.6	1.0	28	11%
	7	0.8	0.7	0.12	0.6	1.1	29	16%
	8	0.8	0.8	0.15	0.5	1.3	21	19%
	9	0.8	0.8	0.18	0.5	1.1	23	22%
	10	0.8	0.8	0.11	0.6	1.0	13	15%
	System Wide	0.8	0.8	0.15	0.1	1.3	246	20%
<i>Temperature deg C</i>	1	28.8	28.9	2.80	25.5	33.3	10	10%
	2	31.6	31.5	0.90	30.2	34.0	27	3%
	3	29.6	29.6	2.31	24.9	35.6	34	8%
	4	30.9	30.9	1.93	25.2	33.6	25	6%
	5	30.0	30.0	2.61	25.1	34.3	36	9%
	6	29.0	29.4	2.46	22.0	32.6	28	8%
	7	29.8	29.9	1.19	27.6	31.9	29	4%
	8	30.0	30.3	1.69	26.9	33.6	21	6%
	9	32.1	31.8	1.78	28.6	37.5	23	6%
	10	31.2	31.1	0.90	29.9	32.6	13	3%
	System Wide	30.3	30.6	2.19	22.0	37.5	246	7%